

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031822\
 Data File : BF127398.D
 Acq On : 18 Mar 2022 18:20
 Operator : CG\JU
 Sample : N1709-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PPSP-B13-28.0-28.5

Quant Time: Mar 19 01:52:29 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 19 01:50:04 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

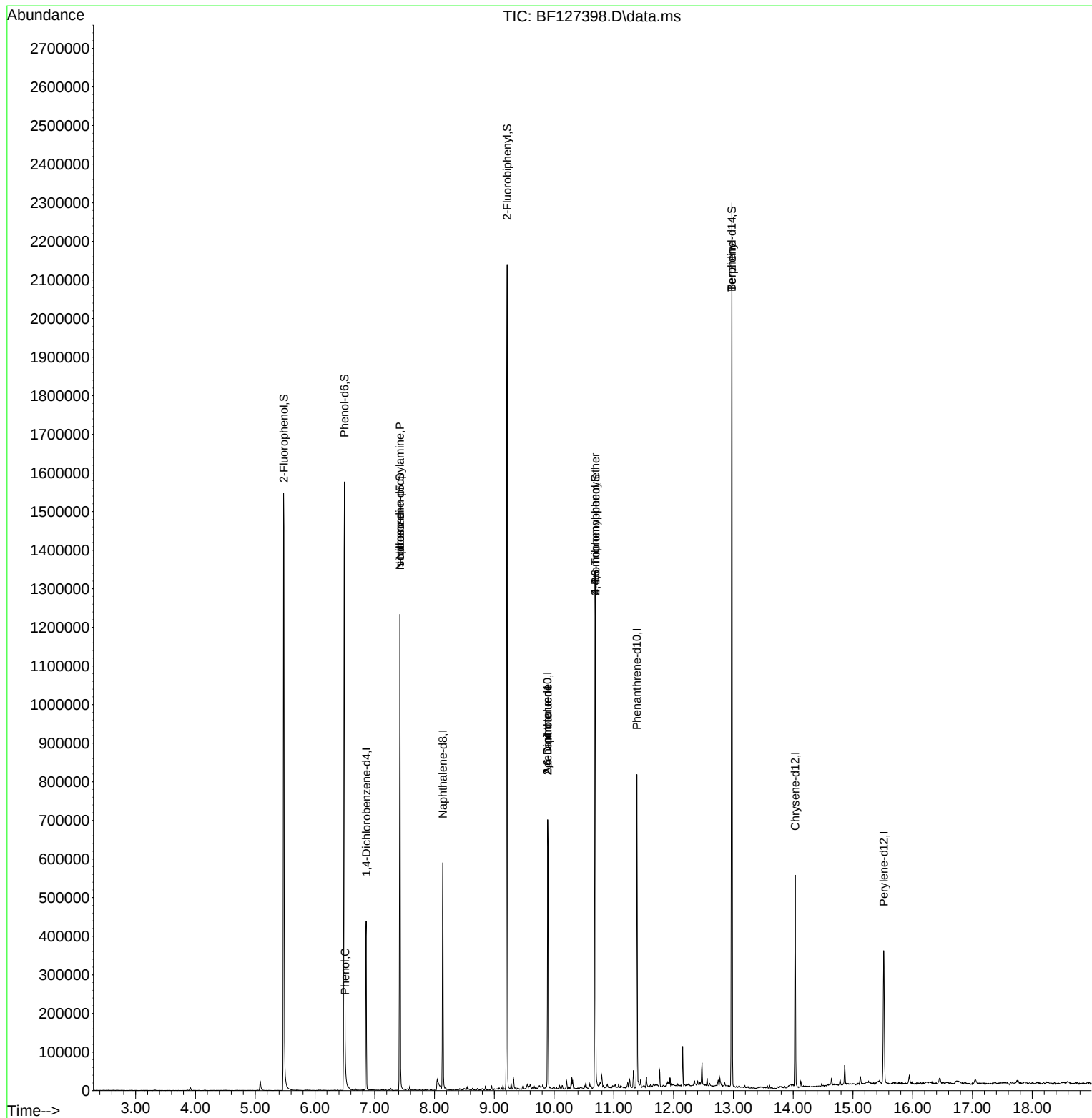
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	59700	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	225557	20.000	ng	# 0.00
39) Acenaphthene-d10	9.892	164	137683	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	263121	20.000	ng	# 0.00
76) Chrysene-d12	14.033	240	181712	20.000	ng	#-0.01
86) Perylene-d12	15.515	264	159905	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	382691	103.048	ng	0.00
7) Phenol-d6	6.493	99	493212	96.542	ng	0.00
23) Nitrobenzene-d5	7.422	82	347627	63.648	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	149232	100.686	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	627284	64.412	ng	0.00
79) Terphenyl-d14	12.974	244	760223	72.041	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.493	77	929	Below Cal	#	3
10) Phenol	6.504	94	13178	2.348	ng	# 67
19) n-Nitroso-di-n-propyla...	7.422	70	48260	15.138	ng	# 89
25) Isophorone	7.422	82	347624	39.583	ng	# 69
51) 2,6-Dinitrotoluene	9.892	165	18199	9.119	ng	# 21
57) 2,4-Dinitrotoluene	9.892	165	18199	6.931	ng	# 15
67) 4-Bromophenyl-phenylether	10.692	248	10365	3.268	ng	# 1
77) Benzidine	12.974	184	10213	2.210	ng	# 97

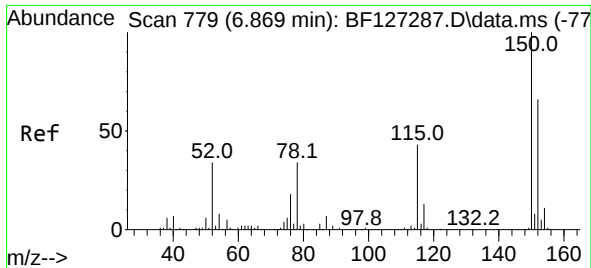
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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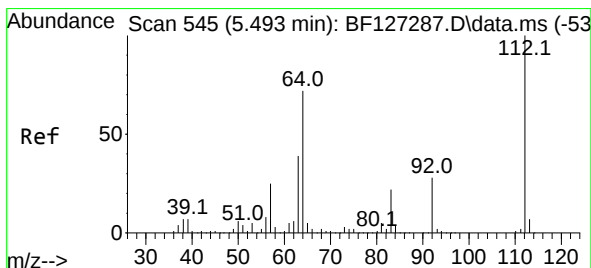
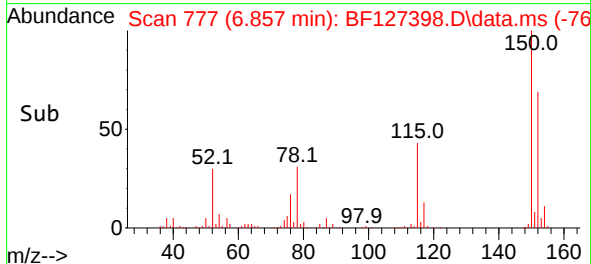
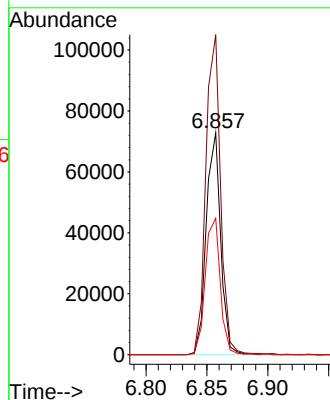
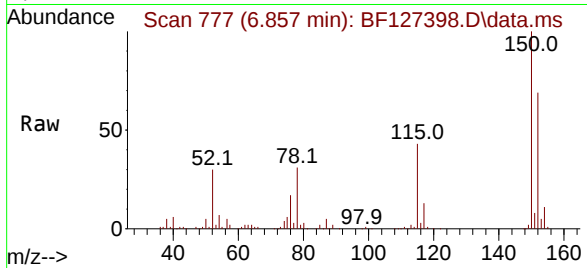




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF127398.D
Acq: 18 Mar 2022 18:20

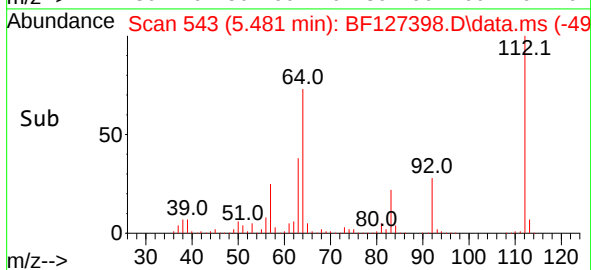
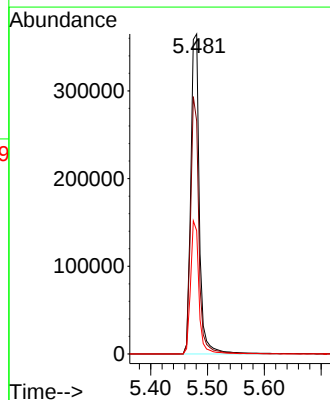
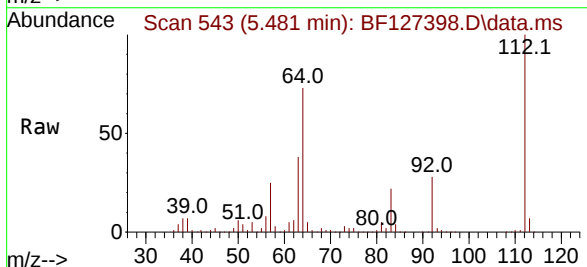
Instrument :
BNA_F
ClientSampleId :
PPSP-B13-28.0-28.5

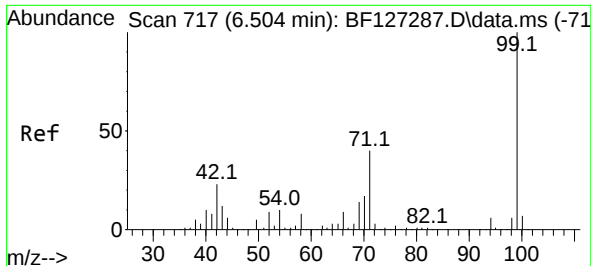
Tgt Ion:152 Resp: 59700
Ion Ratio Lower Upper
152 100
150 144.3 128.1 192.1
115 61.5 56.7 85.1



#5
2-Fluorophenol
Concen: 103.048 ng
RT: 5.481 min Scan# 543
Delta R.T. 0.000 min
Lab File: BF127398.D
Acq: 18 Mar 2022 18:20

Tgt Ion:112 Resp: 382691
Ion Ratio Lower Upper
112 100
64 72.8 49.5 74.3
63 38.5 23.9 35.9#





#7

Phenol-d6

Concen: 96.542 ng

RT: 6.493 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF127398.D

Acq: 18 Mar 2022 18:20

Instrument :

BNA_F

ClientSampleId :

PPSP-B13-28.0-28.5

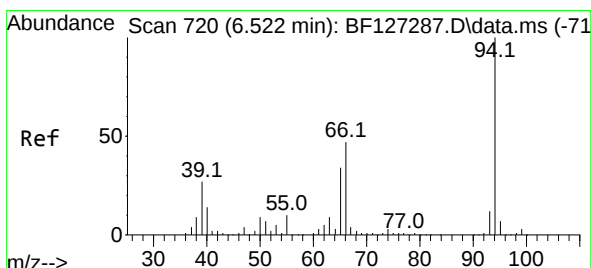
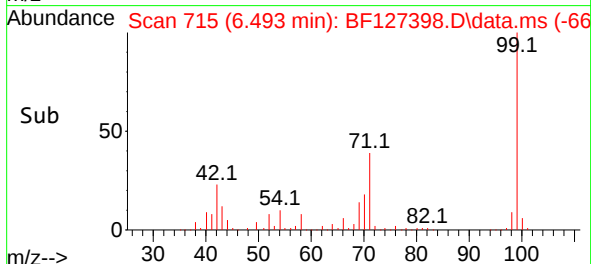
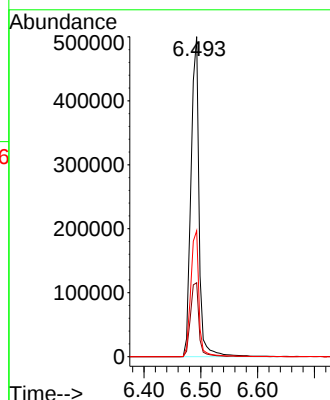
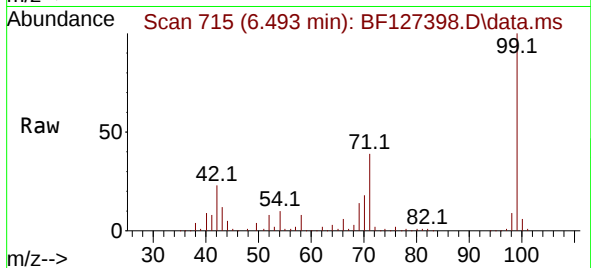
Tgt Ion: 99 Resp: 493212

Ion Ratio Lower Upper

99 100

42 23.1 14.2 21.4#

71 39.4 24.3 36.5#



#10

Phenol

Concen: 2.348 ng

RT: 6.504 min Scan# 717

Delta R.T. -0.012 min

Lab File: BF127398.D

Acq: 18 Mar 2022 18:20

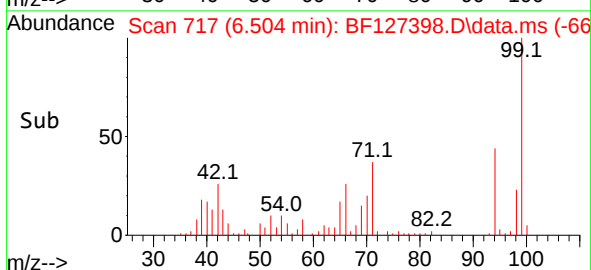
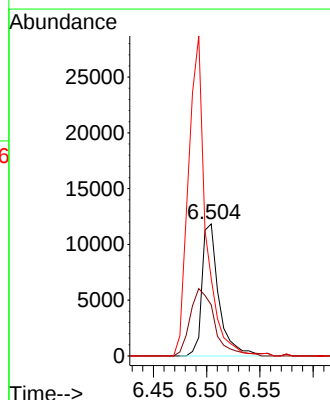
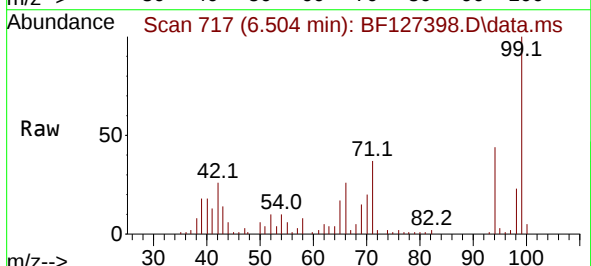
Tgt Ion: 94 Resp: 13178

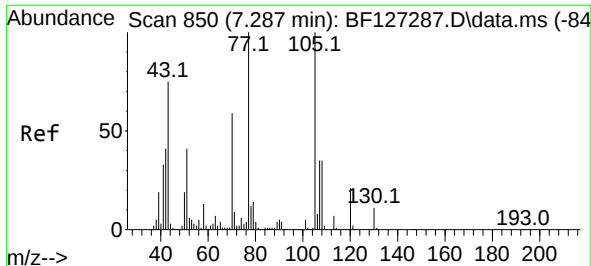
Ion Ratio Lower Upper

94 100

65 38.7 7.2 47.2

66 58.6 14.5 54.5#





#19

n-Nitroso-di-n-propylamine

Concen: 15.138 ng

RT: 7.422 min Scan# 81

Delta R.T. 0.141 min

Lab File: BF127398.D

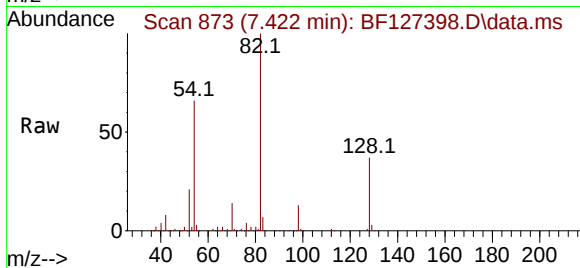
Acq: 18 Mar 2022 18:20

Instrument :

BNA_F

ClientSampleId :

PPSP-B13-28.0-28.5



Tgt Ion: 70 Resp: 48260

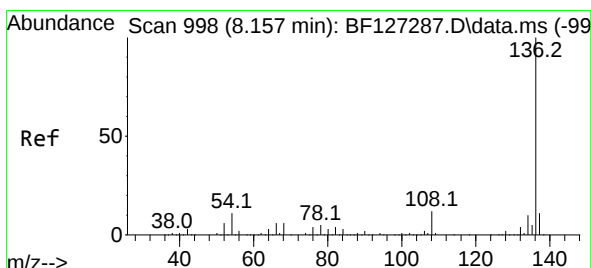
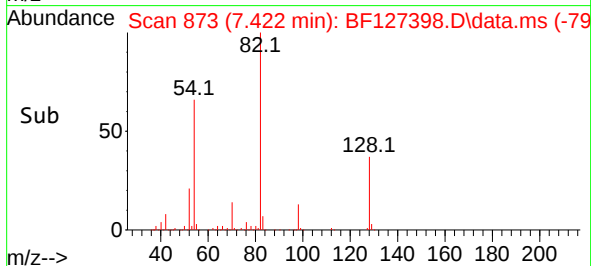
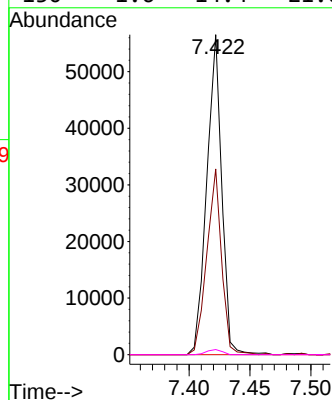
Ion Ratio Lower Upper

70 100

42 58.0 45.8 68.8

101 0.0 6.9 10.3#

130 1.6 14.4 21.6#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.139 min Scan# 995

Delta R.T. -0.006 min

Lab File: BF127398.D

Acq: 18 Mar 2022 18:20

Tgt Ion: 136 Resp: 225557

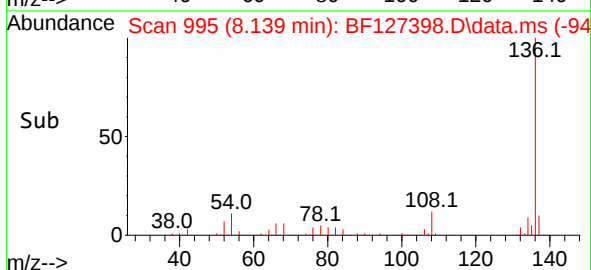
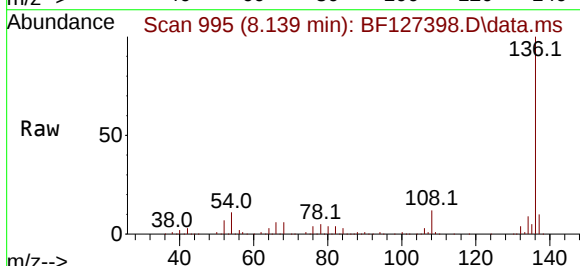
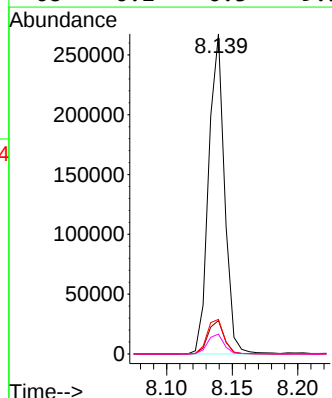
Ion Ratio Lower Upper

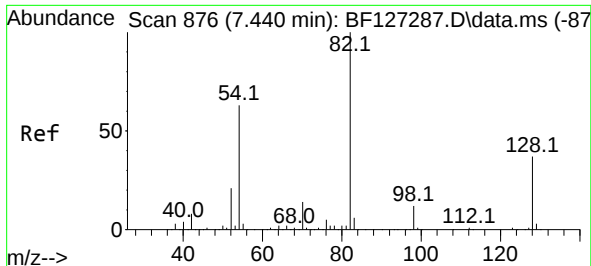
136 100

137 10.5 8.6 13.0

54 10.8 7.8 11.6

68 6.2 6.3 9.5#

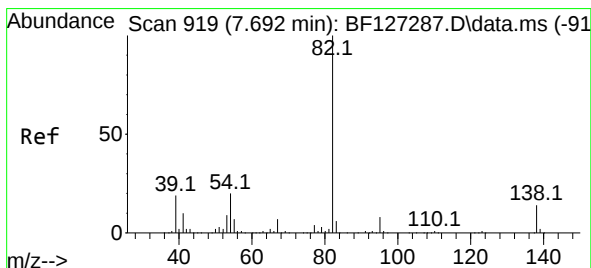
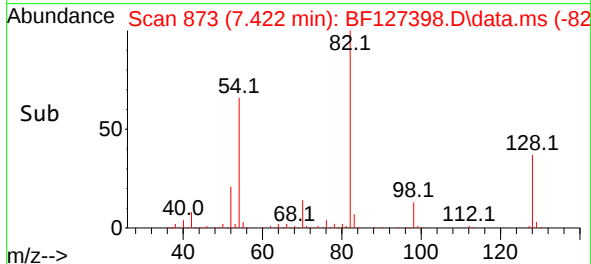
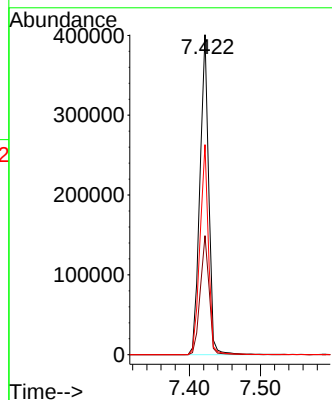
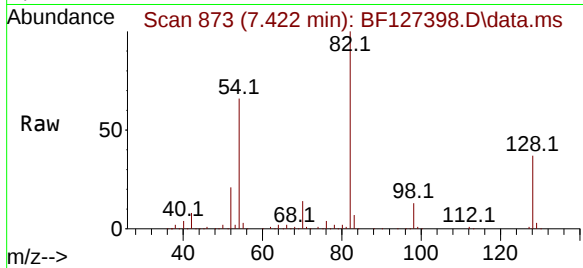




#23
Nitrobenzene-d5
Concen: 63.648 ng
RT: 7.422 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF127398.D
Acq: 18 Mar 2022 18:20

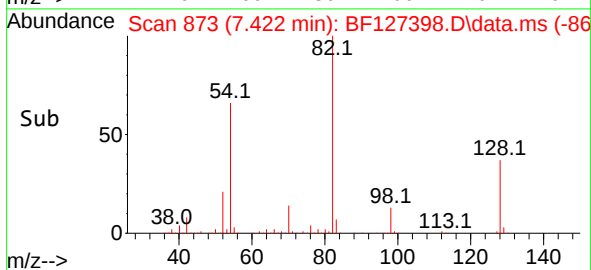
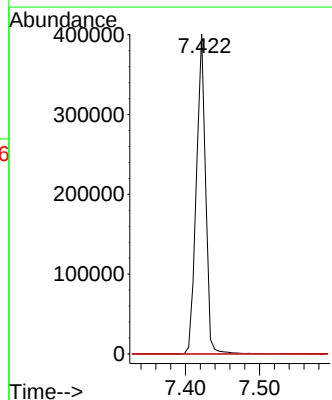
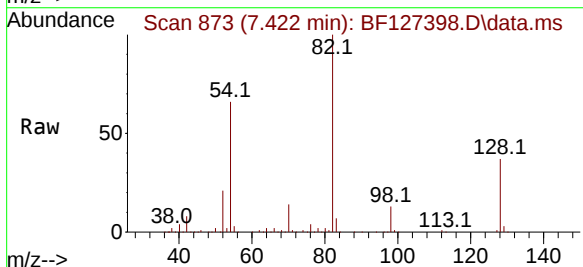
Instrument :
BNA_F
ClientSampleId :
PPSP-B13-28.0-28.5

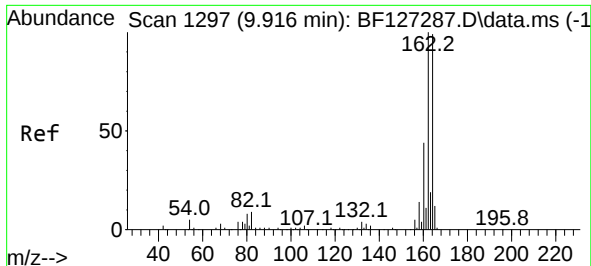
Tgt Ion: 82 Resp: 347627
Ion Ratio Lower Upper
82 100
128 37.2 32.7 49.1
54 65.7 41.7 62.5#



#25
Isophorone
Concen: 39.583 ng
RT: 7.422 min Scan# 873
Delta R.T. -0.265 min
Lab File: BF127398.D
Acq: 18 Mar 2022 18:20

Tgt Ion: 82 Resp: 347624
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.892 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF127398.D

Acq: 18 Mar 2022 18:20

Instrument :

BNA_F

ClientSampleId :

PPSP-B13-28.0-28.5

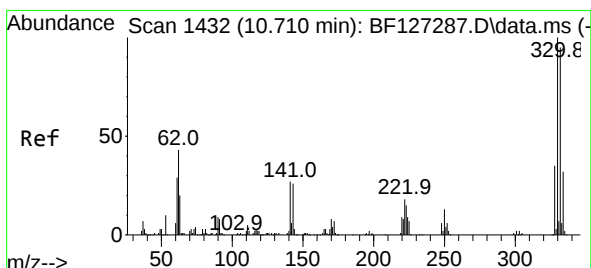
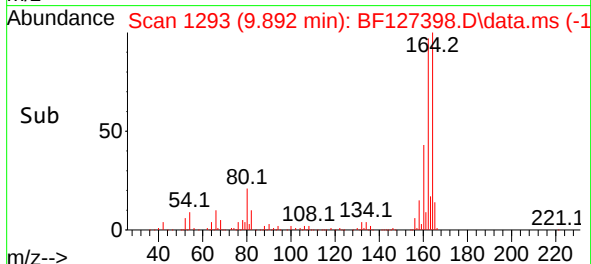
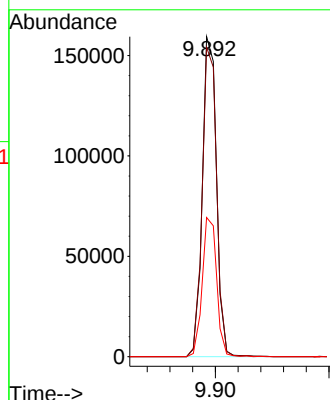
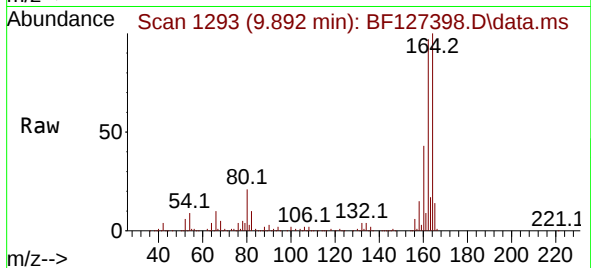
Tgt Ion:164 Resp: 137683

Ion Ratio Lower Upper

164 100

162 96.7 81.4 122.0

160 43.5 36.6 54.8



#42

2,4,6-Tribromophenol

Concen: 100.686 ng

RT: 10.692 min Scan# 1429

Delta R.T. -0.006 min

Lab File: BF127398.D

Acq: 18 Mar 2022 18:20

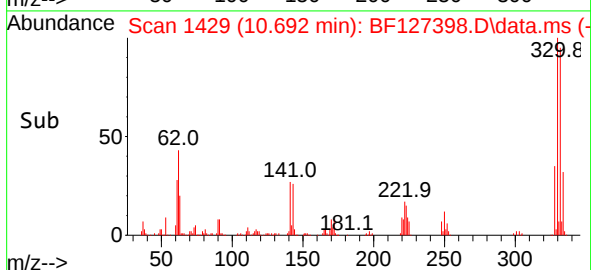
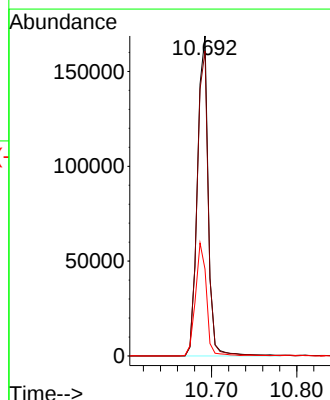
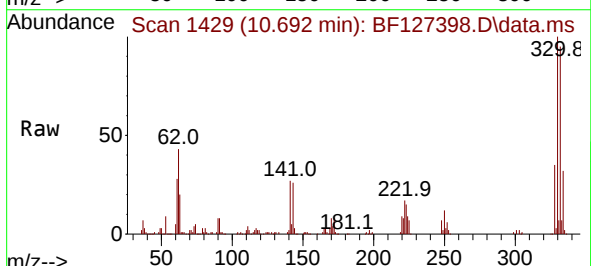
Tgt Ion:330 Resp: 149232

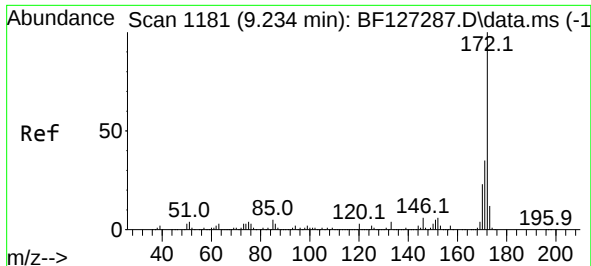
Ion Ratio Lower Upper

330 100

332 97.2 76.0 114.0

141 35.7 30.1 45.1

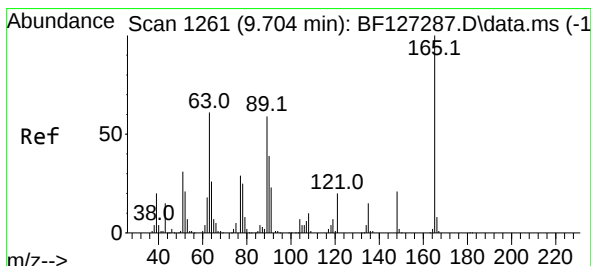
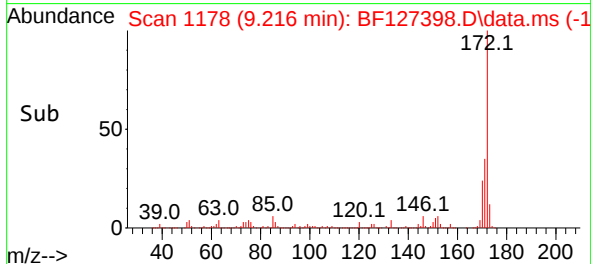
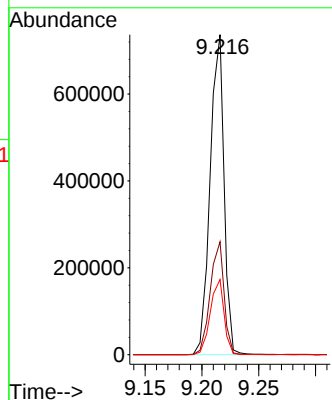
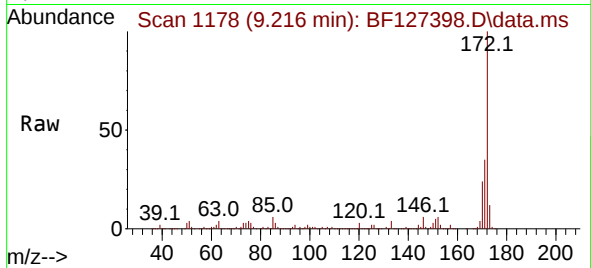




#45
2-Fluorobiphenyl
Concen: 64.412 ng
RT: 9.216 min Scan# 1181
Delta R.T. -0.006 min
Lab File: BF127398.D
Acq: 18 Mar 2022 18:20

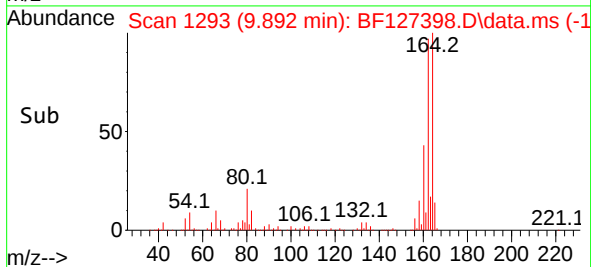
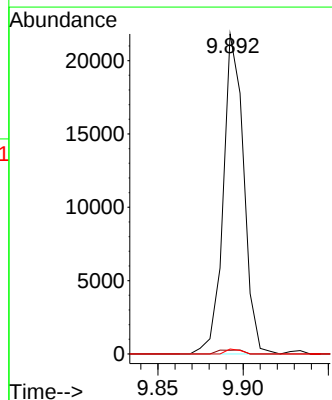
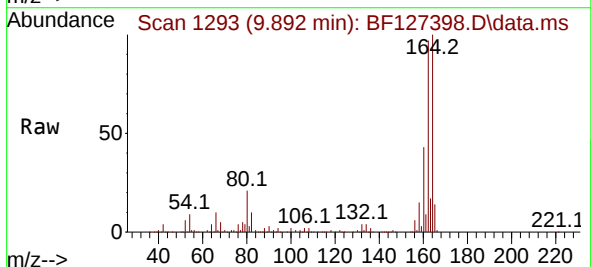
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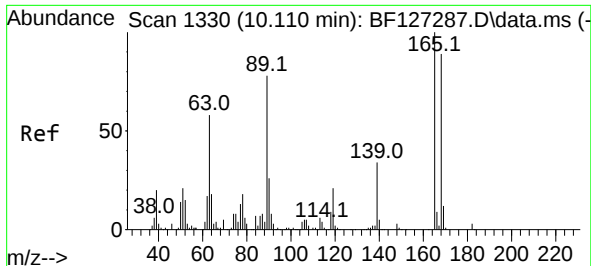
Tgt Ion:172 Resp: 627284
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.5 19.0 28.6



#51
2,6-Dinitrotoluene
Concen: 9.119 ng
RT: 9.892 min Scan# 1293
Delta R.T. 0.200 min
Lab File: BF127398.D
Acq: 18 Mar 2022 18:20

Tgt Ion:165 Resp: 18199
Ion Ratio Lower Upper
165 100
63 1.2 48.4 72.6#
89 1.5 50.5 75.7#

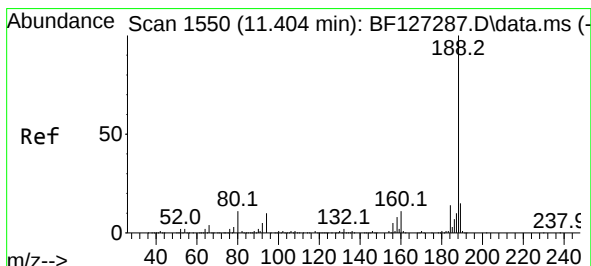
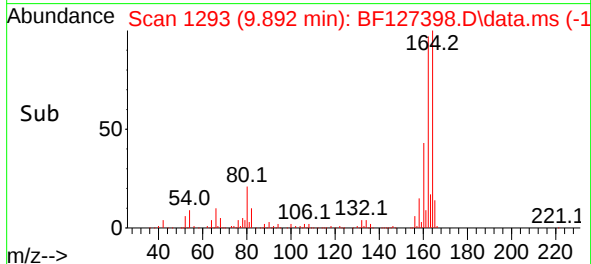
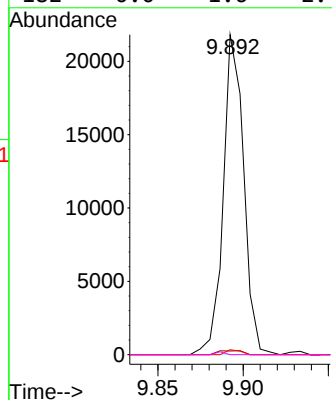
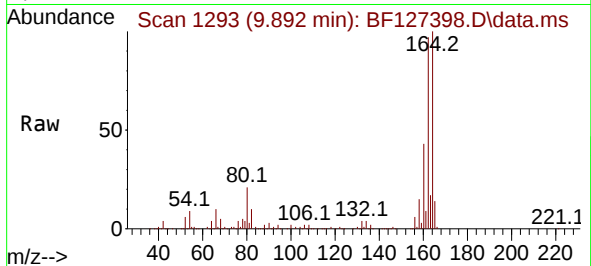




#57
2,4-Dinitrotoluene
Concen: 6.931 ng
RT: 9.892 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF127398.D
Acq: 18 Mar 2022 18:20

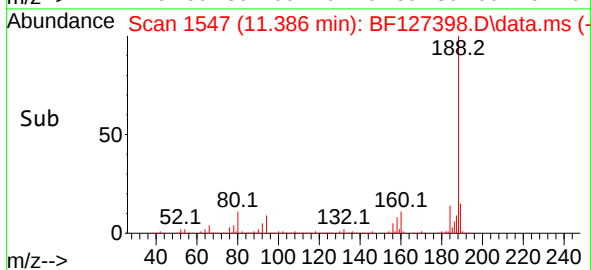
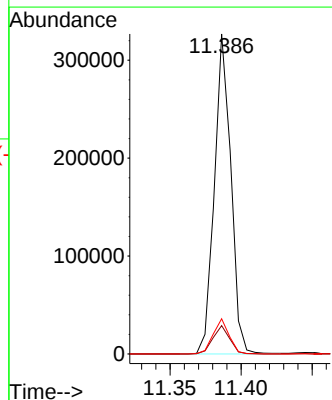
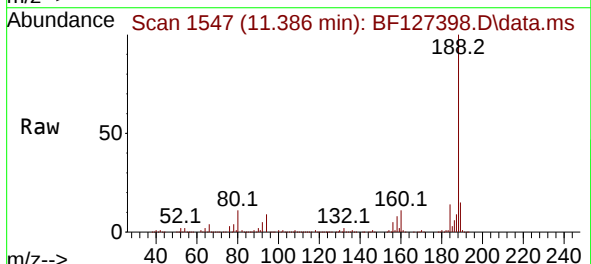
Instrument :
BNA_F
ClientSampleId :
PPSP-B13-28.0-28.5

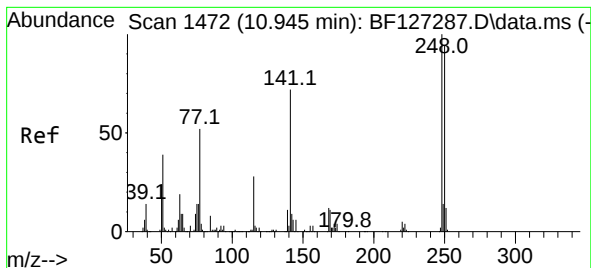
Tgt Ion:165 Resp: 18199
Ion Ratio Lower Upper
165 100
63 1.2 43.0 64.6#
89 1.5 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1547
Delta R.T. -0.006 min
Lab File: BF127398.D
Acq: 18 Mar 2022 18:20

Tgt Ion:188 Resp: 263121
Ion Ratio Lower Upper
188 100
94 8.8 10.1 15.1#
80 11.0 11.8 17.6#

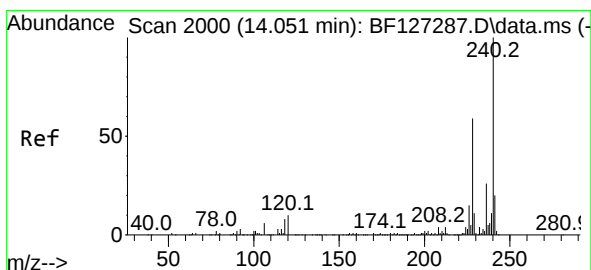
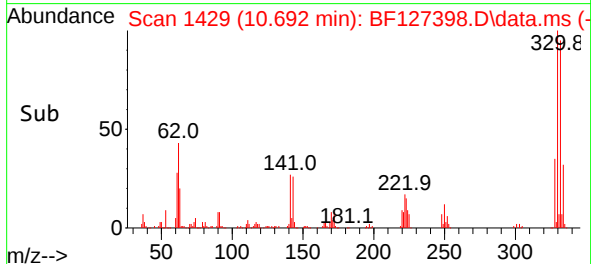
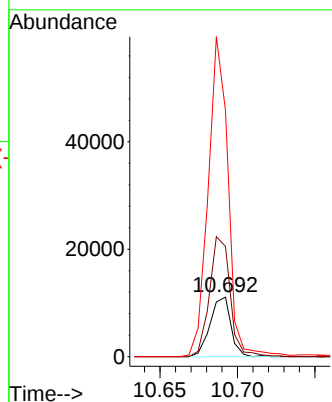
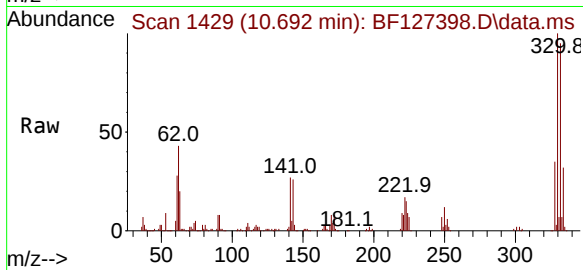




#67
4-Bromophenyl-phenylether
Concen: 3.268 ng
RT: 10.692 min Scan# 1472
Delta R.T. -0.241 min
Lab File: BF127398.D
Acq: 18 Mar 2022 18:20

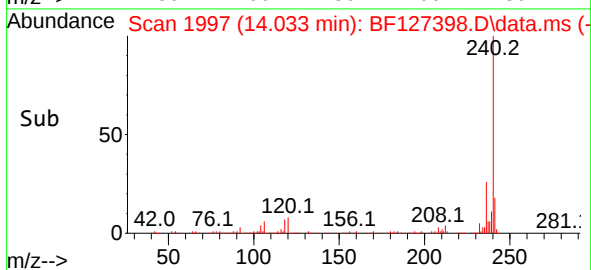
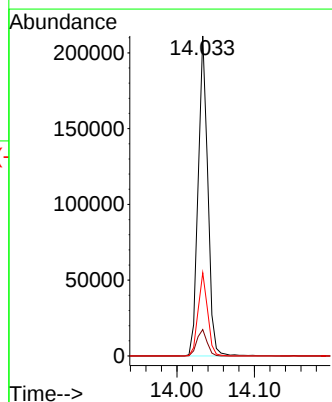
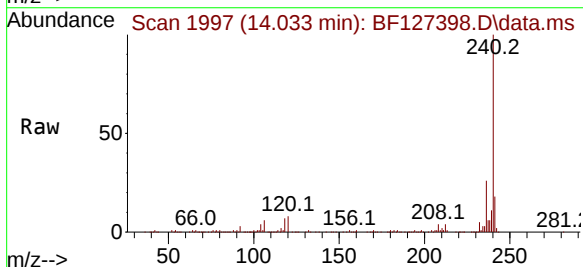
Instrument :
BNA_F
ClientSampleId :
PPSP-B13-28.0-28.5

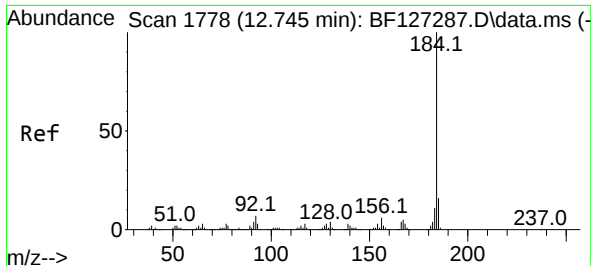
Tgt Ion:248 Resp: 10365
Ion Ratio Lower Upper
248 100
250 185.2 76.2 114.4#
141 413.5 66.2 99.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 1997
Delta R.T. -0.012 min
Lab File: BF127398.D
Acq: 18 Mar 2022 18:20

Tgt Ion:240 Resp: 181712
Ion Ratio Lower Upper
240 100
120 8.2 14.4 21.6#
236 26.0 20.5 30.7

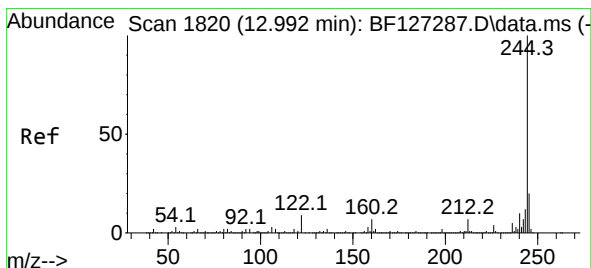
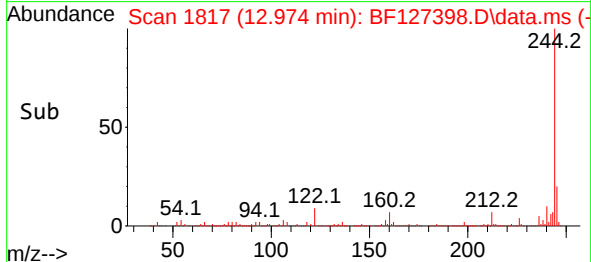
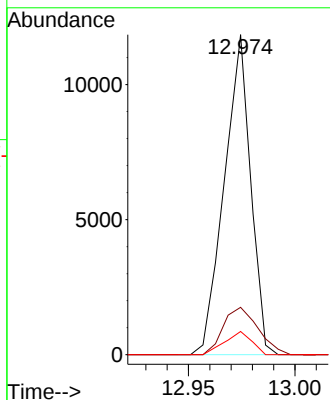
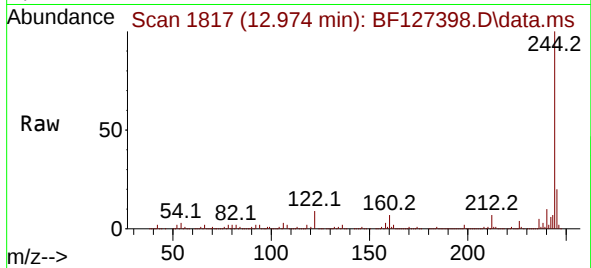




#77
Benzidine
Concen: 2.210 ng
RT: 12.974 min Scan# 1817
Delta R.T. 0.241 min
Lab File: BF127398.D
Acq: 18 Mar 2022 18:20

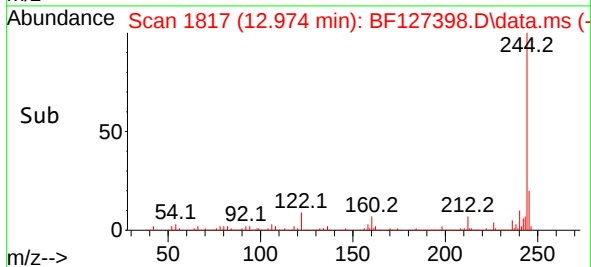
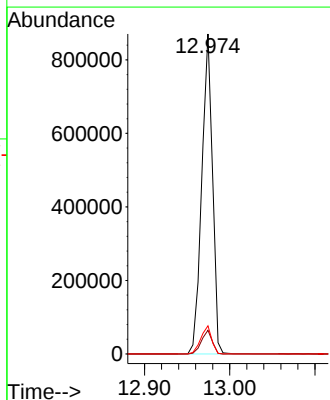
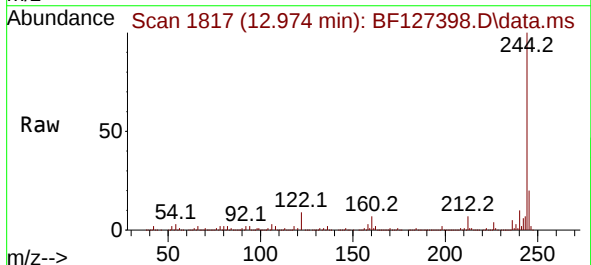
Instrument :
BNA_F
ClientSampleId :
PPSP-B13-28.0-28.5

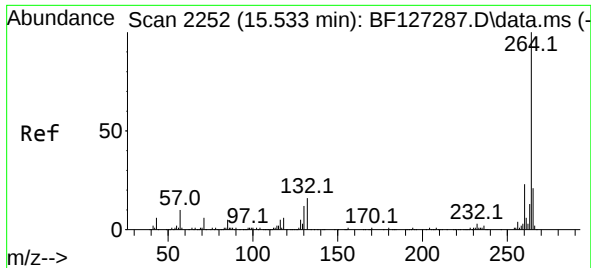
Tgt Ion:184 Resp: 10213
Ion Ratio Lower Upper
184 100
185 14.8 11.8 17.8
183 7.3 8.2 12.2#



#79
Terphenyl-d14
Concen: 72.041 ng
RT: 12.974 min Scan# 1817
Delta R.T. -0.006 min
Lab File: BF127398.D
Acq: 18 Mar 2022 18:20

Tgt Ion:244 Resp: 760223
Ion Ratio Lower Upper
244 100
212 7.4 5.0 7.4
122 8.8 13.3 19.9#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.515 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF127398.D

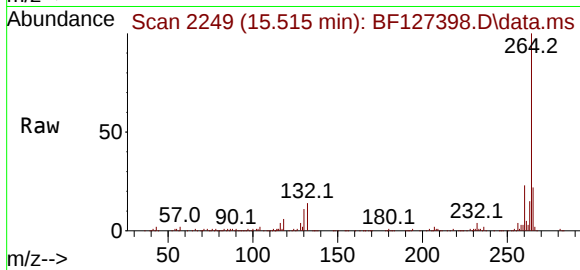
Acq: 18 Mar 2022 18:20

Instrument :

BNA_F

ClientSampleId :

PPSP-B13-28.0-28.5



Tgt Ion:264 Resp: 159905

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 22.0 17.4 26.2

